

# Central Nebraska Veterans Home

## Addendum 3

Kearney, Nebraska  
1404

Wilkins Architecture Design Planning  
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Kearney, Nebraska 68845  
308-237-5787

Date Issued: December 8, 2015  
Bid Date: December 17, 2015

TO ALL BID DOCUMENT HOLDERS OF RECORD:

Acknowledge receipt of this addendum by inserting its number in the space provided on the BID FORM. Failure to do so may subject Bidder to disqualification. This Addendum forms a part of the BIDDING DOCUMENTS and modifies them as follows.

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**Addendum 3 - 1**

**Project Manual – Table of Contents**

- Add "01 5010 Construction Project Webcam Service"
- Add "09 7200 Wall Coverings"
- Delete "10 1124 Tackable Wall Systems"

**Addendum 3 - 2**

**Specification Section - 01 5000 TEMPORARY FACILITIES AND CONTROLS**

Under 1.10.B, add the following:

1. Site Access Information:

- a. In March 2016, Nebraska Department of Roads (NDOR) will close the 56th Street and Cherry Avenue intersection and start the utility reconstruction and final pavement construction. This construction will last approximately 3 months. Access to the site during this period will need to be from the east via Airport Road and Highway 30.
- b. 78th Street will be open on the new pavement from Highway 10 east to 1/2 mile east of Antelope Avenue, and then will continue east on the existing gravel road to Cherry Avenue and beyond.

**Addendum 3 - 3**

**Specification Section - 01 3000 ADMINISTRATIVE REQUIREMENTS**

Delete paragraph 3.5.G in its entirety and replace with the following:

"G. Construction Project Webcam Service: See section 01 5010 Construction Project Webcam Service."

**Addendum 3 - 4**

**Specification Section - 01 5010 CONSTRUCTION PROJECT WEBCAM SERVICE**

Add attached specification section 01 5010 Construction Project Webcam Service.

**Addendum 3 - 5**

**Specification Section - 03 3000 CAST-IN-PLACE CONCRETE**

Under 2.4.B.1., change to "NDOR 47B or 3/4 inch nominal." In lieu of "3/4 inch nominal."

**Addendum 3 - 6**

**Specification Section - 03 3000 CAST-IN-PLACE CONCRETE**

Under 2.8.A.1., add the following acceptable substitute manufacturers:  
"h. Barrier Bac."

**Addendum 3 - 7**

**Specification Section - 03 3000 CAST-IN-PLACE CONCRETE**

Under 2.10.A.1, add the following acceptable substitute manufacturers:  
"s. SpecChem."

<b>Addendum 3 - 8</b>	<b>Specification Section - 03 3000 CAST-IN-PLACE CONCRETE</b> Under 2.10.E.1, add the following acceptable substitute manufacturers: “q. SpecChem.”
<b>Addendum 3 - 9</b>	<b>Specification Section - 03 3000 CAST-IN-PLACE CONCRETE</b> Under 2.10.F.1, add the following acceptable substitute manufacturers: “r. SpecChem.”
<b>Addendum 3 - 10</b>	<b>Specification Section - 03 3000 CAST-IN-PLACE CONCRETE</b> Under 2.10.G.1, add the following acceptable substitute manufacturers: “p. SpecChem.”
<b>Addendum 3 - 11</b>	<b>Specification Section - 04 4301 NATURAL THIN STONE</b> Under 2.4., add the following: “E. Metal Lath: 18 gauge galvanized woven wire mesh or galvanized 2.5lb. flat diamond mesh or 3.4lb flat rib.  F. Drainage Mat: 1/4 inch thick, UV stabilized polypropylene, three-dimensional mat heat laminated to a non-woven lightweight, vapor permeable fabric. 1. Product: Keene Building Envelope Products: Driwall Rainscreen 020-1.”
<b>Addendum 3 - 12</b>	<b>Specification Section – 06 1000 ROUGH CARPENTRY</b> Delete paragraph 1.5.B in its entirety. Forest Certification not required.
<b>Addendum 3 - 13</b>	<b>Specification Section – 06 1753 SHOP-FABRICATED WOOD TRUSSES</b> Under 1.6.B, delete the reference “and is certified for chain of custody by an FSC-accredited certification body.”
<b>Addendum 3 - 14</b>	<b>Specification Section – 06 4100 ARCHITECTURAL WOOD CASEWORK</b> At paragraph 2.3, at reference to “non-formaldehyde resin composition board”; change reference to be “ultra-low emission formaldehyde”, in lieu of non-formaldehyde resin.
<b>Addendum 3 - 15</b>	<b>Specification Section - 08 1416 FLUSH WOOD DOORS</b> Under 2.0.A., change to “Wood Doors” in lieu of “High Pressure Decorative Laminate Faced Doors”. Addendum 2 – 37.
<b>Addendum 3 - 16</b>	<b>Specification Section – 07 4646 FIBER CEMENT WALL PANELS</b> Under 2.1.A.3., change to “120 inches” in lieu of “72 inches”. Under 2.1.A.10.a., change to “Illumination Series” in lieu of “Architectural Block”.
<b>Addendum 3 - 17</b>	<b>Specification Section - 08 1416 FLUSH WOOD DOORS</b> Under 2.0.B., add the following acceptable substitute manufacturer: “2. The Maiman Company: <a href="http://www.maiman.com">www.maiman.com</a> .”
<b>Addendum 3 - 18</b>	<b>Specification Section - 08 1433 STILE AND RAIL WOOD DOORS</b> Under 2.1.A, add the following acceptable substitute manufacturer: “5. The Maiman Company: <a href="http://www.maiman.com">www.maiman.com</a> .”
<b>Addendum 3 - 19</b>	<b>Specification Section - 08 1416 FLUSH WOOD DOORS</b> Under 2.3.A, add the following: “1. All Home 1, all Home 2 and typical building doors as indicated on drawings. a. Home 1 – Stain color ST1. b. Home 2 – Stain color ST2.  Under 2.3.B, add the following: 1. All Home 3 as indicated on drawings. a. Home 3 – Paint color P30.”

**Addendum 3 - 20**

**Specification Section - 08 1433 STILE AND RAIL WOOD DOORS**

Under 2.3.A, add the following:

"3. Red Oak: All Home 1, all Home 2 and typical building doors as indicated on drawings.

- a. Home 1 – Stain color ST1.
- b. Home 2 – Stain color ST2.

4. Poplar: Home 3 as indicated on drawings.

- a. Home 3 – Paint color P30."

**Addendum 3 - 21**

**Specification Section - 08 5212 ANDERSEN VINYL-CLAD WOOD WINDOWS (ALTERNATE NO. 9)**

Addendum 2 - 41

Make following changes:

Delete paragraph 2.5.A.3.a. in its entirety. Andersen Classic not needed.

Delete paragraph 2.5.A.3.b.2). in its entirety. White not needed.

At paragraph 2.5.A.3.b.3)., change to "Satin Nickel" in lieu of "Stone".

Delete paragraph 2.5.A.3.c. in its entirety. Estate handle not needed.

Delete paragraph 2.5.A.4.a. in its entirety. White not needed.

At paragraph 2.5.A.4.b., change to "Satin Nickel" in lieu of "Stone".

Delete paragraph 2.5.A.4.c. in its entirety. Estate not needed.

**Addendum 3 - 22**

**Specification Section - 08 7100 DOOR HARDWARE**

Under Hardware Schedule, change the following:

- Set 5.0, delete doors "E318" and "E343".
- Set 5.0, add doors "E118" and "E143".
- Set 63.0, delete door "E322".
- Set 63.0, add door "E122".
- Set 69.0, delete doors "E118" and "E143".
- Set 69.0, add doors "E318" and "E343".
- Set 70.0, delete door "E122".
- Set 70.0, add door "E322".

**Addendum 3 - 23**

**Specification Section – 09 7200 WALL COVERINGS**

Add attached specification section 09 7200 Wall Coverings.

**Addendum 3 - 24**

**Specification Section – 10 1124 TACKABLE WALL SYSTEMS**

Delete specification section 10 1124 Tackable Wall Systems in its entirety.

**Addendum 3 - 25**

**Specification Section – 10 2601 WALL AND CORNER GUARDS**

Under 2.2, add the following:

"F. Wall Protection:

1.Products: Acrovyn Square Edge Wall Panel.

- a. Material: 0.040 inch vinyl/acrylic factory bonded to 3/8 inch particle board. The backside of the panel to be laminated with a moisture resistant sheet.

**Addendum 3 - 26**

**Specification Section – 11 3100 Residential Appliances**

All model numbers for the Residential Appliances are valid. The KitchenAid slide-in induction range will be available in Spring 2016, and the model number for it is accurate.

- Addendum 3 - 27**      **Specification Section – 11 3100 Residential Appliances**  
GE appliances will not be accepted as a substitute for the KitchenAid appliances in this section.
- Addendum 3 - 28**      **Specification Section – 11 4000 FOOD SERVICE EQUIPMENT and All 'K' Food Service Sheets**  
Under Division III – Equipment Specifications the following are clarifications to quantities of equipment:
- Item 212: Quantity 2  
Item 607: Quantity 1  
Item 807: Quantity 9  
Item 810: Quantity 17  
Item 815: Quantity 8  
Item 817: Quantity 2  
Item 823: Quantity 4  
Item 829: Quantity 1  
Item 830: Quantity 1  
Item 0015/500: Quantity 21 total required  
Item 017: Quantity 36 total required  
(Units move back and forth between Neighborhoods and Households)
- Addendum 3 - 29**      **Specification Section – 11 4000 FOOD SERVICE EQUIPMENT**  
Under Division III – Equipment Specifications Items 206, 213 and 012:
- Furnish two extra universal angles in chrome finish per unit.
- Addendum 3 - 30**      **Specification Section – 11 4000 FOOD SERVICE EQUIPMENT**  
Under Division III – Equipment Specifications Item 104:
- The brand name "Traulsen" was inadvertently omitted from the specification.
- Addendum 3 - 31**      **Specification Section – 11 4000 FOOD SERVICE EQUIPMENT**  
Under Division III – Equipment Specifications Item 914 Clarification:
- The candy rack is an existing free standing unit to be relocated by the FSEC.
- Addendum 3 - 32**      **Specification Section – 11 4000 FOOD SERVICE EQUIPMENT**  
Under Division III – Equipment Specifications Item #029, Bumper Guards Clarification:
- Units are only to be installed in the Neighborhood Kitchens. Delete all Item 029 tags from the Household Kitchens.
- Addendum 3 - 33**      **Specification Section – 12 2113 HORIZONTAL LOUVER BLINDS**  
Delete paragraph 2.1.A.2. in its entirety.
- Addendum 3 - 34**      **Specification Section – 12 2494 ROLLER SHADES**  
Under 2.1.A. add the following acceptable substitute manufacturer:  
"2. SWF Contract: [www.swfcontract.com](http://www.swfcontract.com)."  
  
Under 2.1.B, delete paragraph in its entirety and replace with the following:  
"B. Provide products/styles/colors listed in Materials List as shown on drawings."
- Addendum 3 - 35**      **Specification Section - 12 9310 EXTERIOR EMERGENCY PHONE SYSTEM**  
a. Delete paragraph 2.3.C in its entirety and replace with the following:  
"C. Emergency phones to utilize 120V power supply. Provide step-down multi-tap power transformer with each unit."

**Addendum 3 - 36**

**Specification Section - 23 2115 GROUND LOOP HEAT PUMP PIPING**

The following manufacturers are approved for the listed items subject to compliance with the plans and specifications.

Geothermal High Density Polyethylene Pipe and Fittings: Centennial Plastics

**Addendum 3 - 37**

**Specification Section - 23 2115 GROUND LOOP HEAT PUMP PIPING**

Paragraph 2.2 LOOP HEAT EXCHANGER PIPING. Revise as follows:

Revise item 1. Piping sizes shown on plan are minimum. If pipe size shown is not available from the selected manufacturer, the next larger pipe size shall be provided.

Delete item 5. Geoclip spacing devices shall not be required. Vertical bores shall be constructed in accordance with the requirements on NE Title 178 and the Declaratory Order from DHHS dated December 7, 2015 (attached for reference).

Paragraph 3.7 ANTIFREEZE SOLUTION FILL. Revise as follows:

Revise item A. Fill system with required with solution of 25% propylene glycol and water to provide burst protection to 0-deg. F.

Paragraph 3.4 INSTALLATION OF GEOTHERMAL LOOP HEAT EXCHANGER PIPING BELOW GRADE. Revise as follows:

Item 3. All horizontal outdoor piping shall be buried a minimum of 84 inches deep. If the soil contains sharp rocks, dig the trench 12 inches deeper than required and install a base of 12 inches of suitable backfill before placing the pipe.

Paragraph 3.5 GROUTING. Revise as follows:

Add Item E. Per Declaratory Order from the State of Nebraska (attached for reference), grout all well holes as specified for all vertical bore holes located within 50 feet of sanitary or storm sewer pipe. Minimum clearance from bore holes to sanitary or storm sewer shall be 10 feet. Field adjust bore locations as necessary to accommodate clearance to sanitary and storm sewer.

Add Item F. Per Declaratory Order from the State of Nebraska DHHS dated December 7, 2015 (attached for reference), for any vertical bore holes located more than 50 feet away from sanitary or storm sewer piping, use the following sand pack procedure. Drill a 6.7 inch bore hole to accommodate two 1.315 inch OD outside diameter loop pipes to a depth of 300 feet. Backfill the annulus with clean sand from 300 feet to within 30 feet of the surface and grout the remaining annular space with non-slurry bentonite chips. Should clay layers be encountered during the drilling of these bore holes; the clay units will be sealed with non-slurry bentonite adjacent to the clay layers to prevent comingling of the ground water. Well installation shall be per NE Title 178 and the applicable Declaratory Order.

**Addendum 3 - 38**

**Specification Section - 23 0700 DUCT INSULATION**

Paragraph 3.4 DUCT AND PLENUM APPLICATION SCHEDULE

Add Item M. Service: Return Transfer Ducts and Return Air Boots

Thickness / Material: 1-1/2" Duct Liner

Minimum R-Value: R5

Vapor Retarder Required: No

**Addendum 3 - 39**

**Specification Section - 26 8100 FIRE ALARM**

Paragraph 1.7, A – Revise quantities of extra materials in items 1, 2, and 3 to 2 percent.

**Addendum 3 - 40**

**Specification Section - 26 8100 FIRE ALARM**

Paragraph 2.8, C – Revise quantity of addressable devices on each signal line circuit in item 1a to 150.

- Addendum 3 - 41**      **Specification Section - 26 8100 FIRE ALARM**  
Paragraph 2.8, K – Add item 1e as follows; “System shall be capable of independently signaling separate fire alarm speaker zones within the facility. Independent speaker zones shall be provided for each home and neighborhood core in buildings A-F and for buildings G, H, and J.”
- Addendum 3 - 42**      **Specification Section - 27 1500 COMMUNICATION CABLING SYSTEMS**  
Part 3.1, add paragraph C as follows: Contractor shall terminate cabling from each system (i.e., data, voice, residential voice, security) onto separate patch panels within each rack. Coordinate exact patch panel layout within racks with Engineer and OCIO prior to installation.
- Addendum 3 - 43**      **Specification Section - 27 5223 NURSE CALL SYSTEM**  
Part 2.11 G, 1, b – delete “Member bathrooms” from list of RTLS coverage areas.
- Addendum 3 - 44**      **Specification Section - 28 1300 ACCESS CONTROL AND VIDEO INTERCOM SYSTEMS**  
Part 1.10, A, System operation – Add item #27 as follows: Access control system shall be programmed such that presentation of access credentials at wander management door reader will a) deactivate wander management alarm to allow ingress / egress, and/or b) silence / reset wander management alarm that is in an alarm condition. Access control system shall also send specific notifications to nurse call system indicating security event and associated door number / location.
- Addendum 3 - 45**      **Specification Section - 28 1643 WANDER MANAGEMENT SYSTEM**  
Part 3.3, add paragraph C as follows: Install wander management software on owner-provided server. Install wander management software on up to 20 workstations. Coordinate installation requirements with DHHS / OCIO.
- Addendum 3 – 46**      **Specification Section – 31 1000 SITE CLEARING**  
Refer to paragraph 3.5.A, and add the following sentence;  
“If topsoil is stripped with some organic material/vegetation remaining, it shall be properly disked or rototilled to break the material down and properly incorporated with the topsoil. Multiple passes with a disk or rototilling equipment may be required. Topsoil salvaged for re-use shall not contain clumps of vegetation generally larger than 1” to 1-1/2”.”
- Addendum 3 – 47**      **Specification Section – 31 2000 EARTHWORK**  
Refer to paragraph 3.9.C; In the first sentence, replace “sorted backfill material” with “sorted clay liner material”.
- Addendum 3 - 48**      **Specification Section - 32 1443 FIRE ACCESS LANE PAVERS**  
a. Delete paragraph 2.6.A in its entirety, and replace with the following;  
“A. Drainage pipe shall be 6” diameter single-wall, perforated high-density polyethylene (HDPE) pipe beneath fire access lane pavers. Provide 6” diameter solid wall HDPE pipe below walk crossings and extend solid wall pipe 18” beyond edges of walks. The discharge sections of subdrain pipe from the fire access lane to the sediment traps shall be 6” solid wall HDPE pipe. Provide suitable connection rings, couplers and fittings to join pipe sections together per manufacturer’s written recommendations. Cap beginning ends of pipe. Provide 6” stainless steel Rat-Guard at daylight ends of pipe in sediment traps.”  
b. Refer to paragraph 3.3.B, and add the following;  
“Extend fabric along sides and bottom of subdrain pipe trench.”
- Addendum 3 – 49**      **Sheet C3.02 – Storm Sewer Plan – Zone B**  
Refer to SKC2 as attached to this Addendum 3 for revisions made to pond outlet structure location and the addition of a pond water level sensor structure.

<b>Addendum 3 – 50</b>	<b>Sheet C3.17 – Storm Sewer Details</b> Refer to Notes on Detail 4, “Roof Drain Typical Layout”; Add “4. Special bedding material for roof drain piping is not required. However, compaction of backfill material must meet requirements of storm sewer specifications to prevent settling of trenches”.
<b>Addendum 3 – 51</b>	<b>Sheet C3.18 – Storm Sewer Details</b> Refer to SKC3 as attached to this Addendum 3 for revisions made to Detail 1, “Grate Inlet Detail”.
<b>Addendum 3 - 52</b>	<b>Sheet C4.04 - Water Main Details</b> Refer to Detail 2, “Encasement Pipe Details”; Sand may be utilized in lieu of grout as indicated to fill voids between carrier pipe and encasement pipe. Grout end seals are still required.
<b>Addendum 3 - 53</b>	<b>Sheet C4.05 - Water Main Details</b> Refer to Note 3, Detail 4, “Fire Hydrant Detail”; All fittings and valves are required to be restrained, however pipe joints are not required to be restrained. Restrain valve to tee as shown in detail.
<b>Addendum 3 - 54</b>	<b>Sheet C4.07 - Irrigation Meter and Wet Well Details</b> Refer to SKC4 as attached to this Addendum 3 for new Detail 3, “Pond Water Level Sensor Structure”.
<b>Addendum 3 - 55</b>	<b>Sheet C5.05 - Sanitary Sewer Details</b> Refer to Detail 1, “Encasement Pipe Details”; Sand may be utilized in lieu of grout as indicated to fill voids between carrier pipe and encasement pipe. Grout end seals are still required.
<b>Addendum 3 – 56</b>	<b>Sheet L4.02 – Pond Grading Plan</b> Refer to Sketch SKL1 and SKL2 for alignment and invert elevations for the 6” diameter subdrain pipe below the fire access lane pavers.
<b>Addendum 3 - 57</b>	<b>Sheet L5.01 – Typical Site &amp; Landscape Details</b> Refer to Sketch SKL3 for revisions to Detail 1, Fire Access Lane, indicating condition of subdrain pipe and geotextile fabric when located within pipe trench.
<b>Addendum 3 – 58</b>	<b>Sheet A1.G.01 – Floor Plans – Building G – Hub &amp; Walkways</b> Add detail 7/A1.G.01 TYP. FLOOR EJ DETAIL AT EJC-3 on attached SKA3.
<b>Addendum 3 – 59</b>	<b>Sheet A5.02 – Exterior Elevations – Buildings B &amp; D - Neighborhood</b> At EXTERIOR ELEVATION – BUILDINGS B & D 1/A5.02, 2/A5.02, 3/A5.02, 4/A5.02 AND 5/A5.02, add the following note to the view title: “BUILDING B SHOWN (BUILDING D IS SIMILAR)
<b>Addendum 3 – 60</b>	<b>Sheet A5.03 – Exterior Elevations – Buildings C &amp; F - Neighborhood</b> At EXTERIOR ELEVATION – BUILDINGS C & F 1/A5.03, 2/A5.03, 3/A5.03, 4/A5.03 AND 5/A5.03, add the following note to the view title: “BUILDING C SHOWN (BUILDING F IS SIMILAR)
<b>Addendum 3 – 61</b>	<b>Sheet A8.12 – Window Types</b> At Windows A, B, C and C.1 add the following notes: “1. AT BUILDINGS A,B,C,D,E AND F, ALL WOOD WINDOWS TO BE OPERABLE WITH LIMIT STOPS AND INSECT SCREENS. 2. AT BUILDINGS G, H AND ALL WALKWAYS, ALL WOOD WINDOWS TO BE FIXED.”

**Addendum 3 – 62**

**Sheet A10.07 – Cabinet Sections & Details**

**KEYNOTES:**

1. 9'-0"Lx1'-6"H; 1/2" THICK; ACRYLIC PANEL AP1
- 2A. 1'-0"Lx1'-5"H; 3/8" THICK; ACRYLIC PANEL AP2
- 2B. 1'-0"Lx1'-7"H; 3/8" THICK; ACRYLIC PANEL AP2
- 3A. 3'-0"Lx1'-4"H; 3/8" THICK; ACRYLIC PANEL AP3
- 3B. 3'-0"Lx1'-8"H; 3/8" THICK; ACRYLIC PANEL AP3
- 4A. 2'-0"Lx1'-3"H; 3/8" THICK; ACRYLIC PANEL AP4
- 4B. 2'-0"Lx1'-2"H; 3/8" THICK; ACRYLIC PANEL AP4

**GENERAL NOTES**

SEE ELEVATIONS TO VERIFY PANEL HEIGHTS

REFER TO MATERIALS LIST FOR ACRYLIC PANEL DETAILS AND INFORMATION

**Addendum 3 – 63**

**Sheet RF1.01 – Materials List & General Notes**

In Materials List, make the following changes:

- At AP1, change PATTERN/STYLE to "TEXTILES", change COLOR/NAME to "KAURI + OLIVEWOOD", and add "HEAT FORMED, SANDED AND HONED FINISHED EDGES" to REMARKS.
- At AP2, add "HEAT FORMED, SANDED AND HONED FINISHED EDGES" to REMARKS.
- At AP3, add "HEAT FORMED, SANDED AND HONED FINISHED EDGES" to REMARKS.
- At AP4, change PATTERN/STYLE to "LUMINOUS", change COLOR/NAME to "SAHARA", and add "HEAT FORMED, SANDED AND HONED FINISHED EDGES" to REMARKS.
- AT AP5, change DESCRIPTION to "1/2" THICK ACRYLIC PANEL", and add "HEAT FORMED, SANDED AND HONED FINISHED EDGES" to REMARKS.

**Addendum 3 – 64**

**Sheet RF1.01 – MATERIALS LIST & GENERAL NOTES**

Add General Note 24:

"Install wall tile and bullnose trim behind and around all wall mounted equipment in restrooms as required; all corners to be mitered."

**Addendum 3 – 65**

**Sheets RF1.A.02, RF1.B.02, RF1.C.02, RF1.D.02, RF1.E.02 & RF1.F.02 – FINISH SCHEDULE NEIGHBORHOOD A, B, C, D, E & F**

At Notes 1.14, 2.14 and 3.14, change to:

"Porcelain wall tile at 3' on all sides of clinical sink. Porcelain tile to be finished with metal edge trim on all exposed sides; finish height to align with backsplash at 3'-2". See enlarged plan on RF1.06. See architectural for elevations and details. Clinical sink base to be terrazzo, see Mechanical."

**Addendum 3 - 66**

**Sheet RF1.D.02 – FINISH SCHEDULE NEIGHBORHOOD D**

Replace bottom left finish schedule called "Room Finish Schedule – D Home 3" with finish schedule shown on SKRF1.

**Addendum 3 - 67**

**Sheets E0.01 and E0.02 – Electrical Site Plan**

Provide 120 volt connection to emergency phone pedestals per attached sketch sheet SKE6.

**Addendum 3 – 68**

**Sheet E0.03 – TELECOM SITE PLAN**

Provide 1" empty conduit from ceiling space of building "M" to above accessible ceiling space in Walkway "H" for future security camera cabling.

Provide fire alarm connection to four card reader locations around exterior of building 'D' to allow for free egress upon activation of fire alarm system.



<b>Addendum 3 – 69</b>	<b>Sheet E3.J.01 – Partial Floor Plan – Building J – Area 1 – Special Systems</b> Add two card readers to door J100.1. Locate one reader on vestibule side of door and one reader on chapel side of door.
<b>Addendum 3 – 70</b>	<b>Sheet E3.J.02 – Partial Floor Plan – Building J – Area 2 – Special Systems</b> See attached sketch sheet SKE7 for fire alarm device identification.  Add two card readers to doors J264.3 and J264.4. Locate one reader on inside of group room and one reader on corridor J261 side of door.
<b>Addendum 3 – 71</b>	<b>Sheet E7.07 – Electrical Schedules</b> See attached sketch sheet SKE8 for panel LL1 schedule information.
<b>Addendum 3 – 72</b>	<b>Sheet E7.11 – Luminaire Schedule</b> Pending approval by the Architect, Engineer, and final shop drawing review, the following manufacturers shall be considered equal to those originally scheduled. Point-by-point calculations shall be provided by the manufacturer or the manufacturer's representative to the Engineer for review prior to final approval. <ol style="list-style-type: none"> <li>1. Types 1, 1A, and 10 – Kenall</li> <li>2. Types 15 and 19A – Lumenwerx</li> <li>3. Types 21, 24, and 25 – Advent</li> <li>4. Types 26 and 26A – Cooper Halo, Contech</li> <li>5. Types 30B and 30C – RSA</li> <li>6. Type 33 – Tech Lighting</li> <li>7. Types 34 and 34A - lumenwerx</li> <li>8. type a, b, ba, and c – Cooper McGraw edison</li> </ol>
<b>Addendum 3 - 73</b>	<b>Sheet M6.01 – Mechanical Details</b> Detail 12, Sheet M6.01 Energy Recovery Unit Detail Delete housekeeping pad where installed on mechanical mezzanines. Housekeeping pad remains where installed in Building J. Housekeeping pad not required where installed on Roof.
<b>Addendum 3 - 74</b>	<b>Sheet M6.03 – Mechanical Details</b> Multiple revisions on sheet regarding geothermal heat pump details. See revised sheet.

## **SECTION 01 5010**

### **CONSTRUCTION PROJECT WEBCAM SERVICE**

#### **PART 1 GENERAL**

##### **1.1 SECTION INCLUDES**

- A. Professional-grade 24-megapixel (6000x4000) pan-tilt-zoom (PTZ) construction time-lapse camera capable of precisely capturing high-resolution construction webcam images for professional-quality, time-lapse movies. All hardware, software, and time-lapse movie production services to be provided by a proven construction camera System Vendor.

##### **1.2 RELATED REQUIREMENTS**

- A. Section 01 3000 - Administrative Requirements: Submittal procedures, project meetings, progress schedules and documentation, reports, coordination.

##### **1.3 ADMINISTRATIVE REQUIREMENTS**

- A. Preinstallation Meeting: Conduct a preinstallation meeting one week prior to the start of the work of this section; require attendance by all affected installers.
- B. Sequencing: Ensure that utility connections are achieved in an orderly and expeditious manner.

##### **1.4 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Submit all original digital still images without manipulation, editing, or modifications using image-editing software.
- C. Submit a professionally produced high-definition (1080) time-lapse movie of the project. Editing shall include image stabilization, color correction, removal of inclement weather footage, and removal of images outside the desired daily time range to be determined by Architect.

##### **1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Pan-tilt zoom (PTZ) camera system and associated hardware will be delivered to Contractor for installation.

##### **1.6 WARRANTY**

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Manufacturer Warranty: Manufacturer agrees to repair or replace components of system that do not comply with requirements or that fail in materials or workmanship within specified warranty period.
- C. Warranty Period: The pan-tilt system shall have a warranty period of one (1) year from date of original purchase. The camera body used as part of the PTZ camera system shall be warranted separately with a Lifetime Warranty.

#### **PART 2 PRODUCTS**

##### **2.1 MANUFACTURERS**

- A. Manufacturers:
  - 1. OxBlue Corporation: [www.oxblue.com](http://www.oxblue.com).
  - 2. Axis Communications: [www.axis.com](http://www.axis.com).
  - 3. Substitutions: See Section 01 6000 - Product Requirements.

## 2.2 PRODUCT / SERVICE

- A. Basis of Design: OxBlue Corporation; 24-megapixel (6000x4000) OxBlue pan-tilt-zoom (PTZ) hardware, software and services.
  - 1. Contact Information:
    - a. Contact: Keegan Turcotte.
    - b. Address: 1777 Ellsworth Industrial Boulevard Ind. NW, Atlanta, GA 30318
    - c. Phone: (404) 554-1488
    - d. Email: kturcotte@oxblue.com.
- B. Camera:
  - 1. Resolution: 24 megapixel (6000x4000).
  - 2. Wide-angle lens standard.
  - 3. Minimum 80 degree horizontal field of view.
  - 4. Manually adjustable optical zoom.
  - 5. Positioning accuracy of .006 degrees.
  - 6. Capable of precisely capturing high-resolution construction webcam images for professional-quality time-lapse movies.
- C. Data Connectivity and Storage:
  - 1. Wireless (Cellular GPRS or CDMA) services provided by the System Vendor.
  - 2. Camera Memory: 5-day minimum image buffer capacity for lost data connections
  - 3. Remote Storage: Unlimited storage of webcam images provided by the System Vendor
- D. Power Connection:
  - 1. Provide temporary power as needed for connection.
  - 2. 120 / 240 VAC.
- E. Dimensions and Weight
  - 1. Camera Dimensions: 21" L (53.34 cm) X 7" W (18 cm) X 5.5" H (14 cm)
  - 2. Pan-Tilt Unit Dimensions: 5.43" L (13.8 cm) X 6.71" W (17 cm) X 10" H (25.4 cm)
  - 3. Weight: 29.5 lb (13.4 kg) installed
- F. Location Mount and Security:
  - 1. Located camera on fixed pole for entire duration of construction. Locate as per Architect's instructions.
  - 2. Install camera at height appropriate to cover entire site (30'-0" min.).
  - 3. Pole mount provided by the System Vendor.
  - 4. Optional mounts (parapet mount, non-penetrating roof mount, etc.) available.
  - 5. Provide proper security measures to protect camera and pole during construction.
- G. Operating Environment and Controls:
  - 1. -10 to 120°F (-23 to 49°C).
  - 2. 90% non-condensing.
  - 3. Internal blower standard.
- H. DESKTOP PC VERSION Interface:
  - 1. Display Owner or Project logo on desktop software interface.
  - 2. Dashboard displaying each camera the user has access to and its status.
  - 3. Dashboard search capability.
  - 4. Automatically generate a daily panoramic image of the project.
  - 5. Digital PTZ (pan-tilt-zoom) capabilities within a high-resolution image.
  - 6. Visual calendar showing actual photos from each day of the project.
  - 7. Access to each individual photo archived.
  - 8. Ability to schedule the automated delivery of images to users via email.
  - 9. Automatic daily generation of high-definition (1024x768) time-lapse movie.
  - 10. Display weather data with each image (temperature, condition, heat index, visibility, pressure, wind, dew point, and humidity).
  - 11. Ability to compare images from two cameras or two specific times simultaneously.
  - 12. Ability to review the last 4 days, 4 weeks or 4 months simultaneously.
  - 13. Ability to overlay and compare images from different times.

- I. MOBILE VERSION Interface:
  - 1. Provide HTML mobile version with ability to access current image, archived images, weather data, and time-lapse footage.
  - 2. Provide iPhone/iPad app with ability to access current image, archived images, weather data, and time-lapse footage.
- J. Hosting and Website Integration:
  - 1. Provide links to thumbnails of latest image at low, medium, and high resolutions.
  - 2. Provide API access for use in software and website integration.
- K. Data Security and Infrastructure:
  - 1. Multiple access options shall be available, including publicly available links, username authentication, IP restrictions, and HTTPS communication protocols.
  - 2. Actual access method used shall be specified by the Architect.
  - 3. Data shall be stored on redundant servers owned and managed by the System Vendor.
  - 4. Ability for time delay on images and time-lapse videos for websites.

## **PART 3 EXECUTION**

### **3.1 INSTALLATION**

- A. It is the contractor's responsibility to meet all code requirements and to obtain any and all permits necessary. Installation of power service, when needed, should be handled by a licensed and bonded electrician.
- B. Install hardware as per System Vendor's written instructions.
- C. Testing the camera for data connectivity at the jobsite prior to installation is recommended.
- D. At completion of project, all hardware to be turned over to Owner.

### **3.2 AUTOMATICALLY GENERATED TIME-LAPSE MOVIES**

- A. System shall automatically generate up-to-date high-definition (1024x768) time-lapse movies throughout the duration of the project. Automatically generated time-lapse movies shall be available for download at any time. The online system shall intelligently select frames in order to produce time-lapse movies of an appropriate duration for viewing on the Web, typically 30-60 seconds.

### **3.3 USER CREATED CUSTOM TIME-LAPSE MOVIES**

- A. System shall allow users with appropriate permissions to create custom time-lapse movies at any time during the project. Users shall be able to control start and end dates, filter daily images by time, and specify time-lapse movie duration.

### **3.4 PROFESSIONALLY PRODUCED TIME-LAPSE MOVIE**

- A. At the completion of the project the System Vendor shall create a professionally produced time-lapse movie of the project. As part of the service, the time-lapse movie shall be prepared based on the Owner's instructions for resolution, duration, date range, time range, and audio.

**END OF SECTION**

## **SECTION 09 7200**

### **WALL COVERINGS**

#### **PART 1 GENERAL**

##### **1.1 SECTION INCLUDES**

- A. Wall coverings.
- B. Magnetic dry erase wall coverings.
- C. Linoleum/cork tackable wall coverings.

##### **1.2 RELATED REQUIREMENTS**

- A. Section 01 6116 - Volatile Organic Compound (VOC) Content Restrictions.
- B. Section 09 9000 - Painting and Coating: Preparation and priming of substrate surfaces.

##### **1.3 REFERENCE STANDARDS**

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2015a.
- B. ASTM F793 - Standard Classification of Wallcovering by Use Characteristics; 2010a.

##### **1.4 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on wall covering and adhesive.
- C. Shop Drawings: Indicate wall elevations with seaming layout.
- D. Samples for Verification: 12 x 12 inch section of each wall covering.
- E. Test Reports: Indicate verification of flame and smoke ratings, when tested by UL.
- F. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.
- G. Maintenance Data: Submit data on cleaning, touch-up, and repair of covered surfaces.
- H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
  - 1. See Section 01 6000 - Product Requirements, for additional provisions.

##### **1.5 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing the type of products specified in this section with minimum three years of documented experience.

##### **1.6 DELIVERY, STORAGE, AND HANDLING**

- A. Inspect roll materials at arrival on site, to verify acceptability.
- B. Protect packaged adhesive from temperature cycling and cold temperatures.
- C. Do not store roll goods on end.

##### **1.7 FIELD CONDITIONS**

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the adhesive or wall covering product manufacturer.

- B. Maintain these conditions 24 hours before, during, and after installation of adhesive and wall covering.
- C. Provide lighting level of 100 ft candles measured mid-height at substrate surfaces.

## **PART 2 PRODUCTS**

### **2.1 WALL COVERINGS**

- A. Provide products listed in **Materials List** as shown on drawings.

### **2.2 MANUFACTURER**

- A. Manufacturers:
  - 1. D.L. Couch Wallcovering and Fabrics: [www.dlcouch.com](http://www.dlcouch.com).
  - 2. Korosdal: [www.koroseal.com](http://www.koroseal.com).
  - 3. MDC Wallcoverings: [www.mdcwall.com](http://www.mdcwall.com).
  - 4. Substitutions: See Section 01 6000 - Product Requirements.

### **2.3 MATERIALS**

- A. Adhesive: Type recommended by wall covering manufacturer to suit application to substrate.
- B. Termination Trim: J-cap clear anodized or mill finish aluminum trim.
- C. Substrate Filler: As recommended by adhesive and wall covering manufacturers; compatible with substrate.
- D. Substrate Primer and Sealer: Alkyd enamel type.
- E. Gypsum Board Joint Compound: Ready-mixed vinyl-based joint compound. ASTM C 475 and as recommended by manufacturer for project conditions.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Verify that substrate surfaces are prime painted and ready to receive work, and conform to requirements of the wall covering manufacturer.
- B. Measure moisture content of surfaces using an electronic moisture meter. Do not apply wall coverings if moisture content of substrate exceeds level recommended by wall covering manufacturer.
- C. Verify flatness tolerance of surfaces does not vary more than 1/8 inch in 10 feet nor vary at a rate greater than 1/16 inch/ft.

### **3.2 PREPARATION**

- A. Comply with manufacturer's written instructions for surface preparation.
- B. Fill cracks in substrate and smooth irregularities with filler; sand smooth.
- C. Wash impervious surfaces with tetra-sodium phosphate, rinse and neutralize; wipe dry.
- D. Surface Appurtenances: Remove electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- E. Surfaces: Correct defects and clean surfaces that affect work of this section.
- F. Apply one coat of primer sealer to substrate surfaces. Allow to dry. Lightly sand smooth.
- G. Vacuum clean surfaces free of loose particles.

### **3.3 INSTALLATION**

- A. Apply adhesive and wall covering in accordance with manufacturer's instructions.
- B. Apply wall covering smooth, without wrinkles, gaps or overlaps. Eliminate air pockets and ensure full bond to substrate surface. Butt edges tightly.
- C. Return all wallcovering into gypsum wall control joint reveals.
- D. Do not install wall covering more than 1/4 inch below top of resilient base.
- E. Remove excess adhesive while wet from seam before proceeding to next wall covering sheet. Wipe clean with dry cloth.
- F. Tackable or Dry Erase Wall Covering:
  - 1. Install J-cap trim at entire exposed perimeter edge or as directed on drawings.
  - 2. Install with tight vertical and/or horizontal butt joints.
- G. Tackable Wall Covering installed on CMU walls:
  - 1. Prime and/or seal walls to stop moisture penetration. Float surface with joint compound to create smooth level surface. Apply coat of acrylic wallcovering primer to surface. Install heavy duty clay based adhesive as recommended by manufacturer. Smooth out tackwall with flexible smoother wrapped in a soft cloth.

### **3.4 CLEANING**

- A. Clean wall coverings of excess adhesive, dust, dirt, and other contaminants.
- B. Reinstall wall plates and accessories removed prior to work of this section.

### **3.5 PROTECTION**

- A. Do not permit construction activities at or near finished wall covering areas.

**END OF SECTION**



December 7, 2015

Reference Number: HHSS-10/15/HP

Christopher Reed, PE  
Morrissey Engineering, Inc.  
4940 North 118<sup>th</sup> Street  
Omaha, NE 68164

Re: Water Well Standards - Declaratory Ruling Request for Substantially Equivalent Procedure -  
Closed Loop Heat Pump Well Field

Dear Mr. Reed:

Your request of December 1, 2015 for a declaratory ruling to construct a closed loop heat pump well field has been received and reviewed. The location of this request is:

Kearney Veterans Home  
4510 East 56<sup>th</sup> Street  
Kearney, NE 68847

This request is due to the need to use annular seal materials to provide protection to the ground water, provide superior transfer of heat to the subsurface and allow closed loop heat pump boreholes within 50 feet of sewer lines.

You propose to construct approximately **700** closed loop heat pump wells to a total depth of approximately **300** feet below ground surface by installing two (2) **1-inch HDPE** pipe, which measure **1.315-inch outside diameter**, in a **6.70-inch** diameter borehole. It was confirmed during phone call that you also propose to fill the annulus with sand through a bentonite based drilling fluid from **300** feet below grade to within **30 feet** of the surface where you will grout the annulus to the surface with non-slurry high solids bentonite grout. In addition, should clay layers be encountered during the drilling of these boreholes, the annulus will be grouted with non-slurry bentonite chip in the interval adjacent to the clay layer.

Your request also states that when a borehole location is within 50 feet of a sewer line you intend to grout the borehole full length with high solids bentonite slurry mixed to a ratio of four (4) parts sand to one (1) part bentonite grout to provide added protection to the ground water. It is understood that in such an application, the borehole can be no closer than 10 feet to a sewer line.

Well logs submitted with this request indicates:

1. Top soil and clay 0 to 20 feet,
2. Fine to medium gravel from 20 to 72 feet,
3. Clay from 72-90 feet,
4. Course sand, limestone interbedded clay layers from 90 to 200 feet, and
5. Weathered shale and shale from 200-300 feet below grade.

Based on the information you have submitted, substantial equivalent protection to the ground water as required by Title 178 will be achieved by:

1. Backfilling the borehole with sand through a bentonite based fluid as described in Title 178 NAC 12-010.03C #2,
2. Providing a chip seal from 70-90 feet below grade,
3. Filling the borehole with sand to within 30 feet of the surface,
4. Providing a non-slurry bentonite seal from 30 feet to the surface, and
5. Full length grouting the borehole with high solids bentonite grout slurry for any borehole within 50 feet of a sewer.



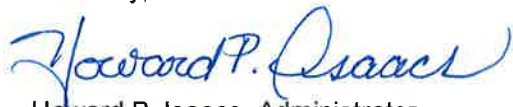
Christopher Reed  
December 7, 2015  
Page Two

A declaratory order is granted to use annular seal materials to provide protection to the ground water, provide superior transfer of heat to the subsurface and allow closed loop heat pump boreholes within 50 feet of sewer lines.

All remaining requirements of Title 178 NAC 12 are to be met. This includes registering the well site on forms provided by the Nebraska Department of Natural Resources and including the reference number **HHSS-10/15/HP** found in the upper right hand corner of this document. Be reminded that the requirements of Title 178 NAC 12 are minimum requirements and that it is your responsibility to check with appropriate local authorities for additional requirements that may apply to this project.

If you have any questions concerning this letter, please feel free to contact Tom Christopherson at 402/471-0598 or [tom.christopherson@nebraska.gov](mailto:tom.christopherson@nebraska.gov).

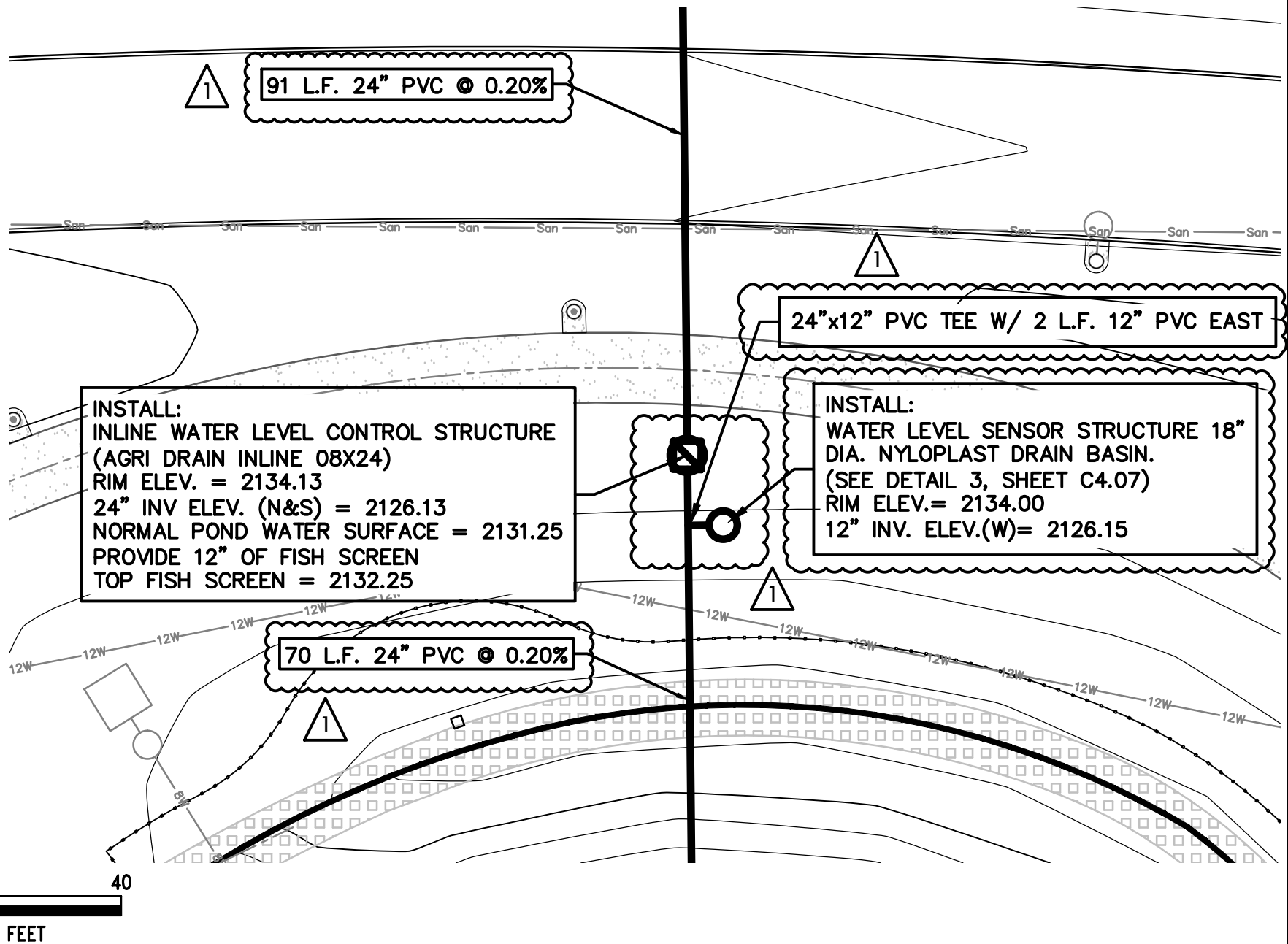
Sincerely,



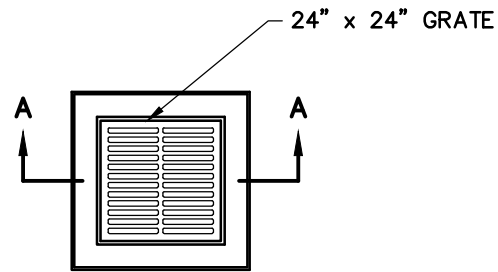
Howard P. Isaacs, Administrator  
Office of Drinking Water and Environmental Health  
Division of Public Health  
Department of Health and Human Services

HPI/TCC

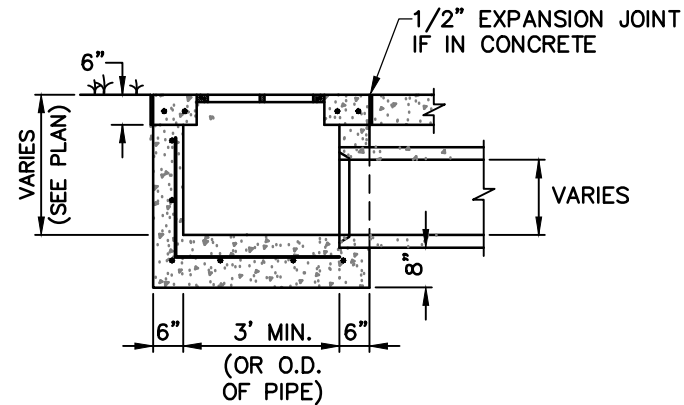
xc: Dale Chandler, DHHS



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PLOTED:12/8/2015 5:13 PM



**PLAN VIEW**



**SECTION A-A**

**NOTES:**

1. GRATE & FRAME TO BE DEETER FOUNDRY NO. 2216 CAST IRON CATCH BASIN INLET STYLE, OR APPROVED EQUAL.
2. REINFORCING STEEL FOR FLOOR, WALLS, AND DECK SHALL BE #4 BARS AT 12 INCH CENTERS EACH WAY.
3. ALL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH CORNERS IN WALLS, FLOORS, AND DECK.
4. PLACE 1/2 INCH EXPANSION JOINT MATERIAL AROUND INLET STRUCTURE WHEN IN CONCRETE.



**GRATE INLET DETAIL**

NO SCALE



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Central Nebraska Veterans Home

Kearney, Nebraska

Project Number: **FAI-31-015**

Addendum No. 3

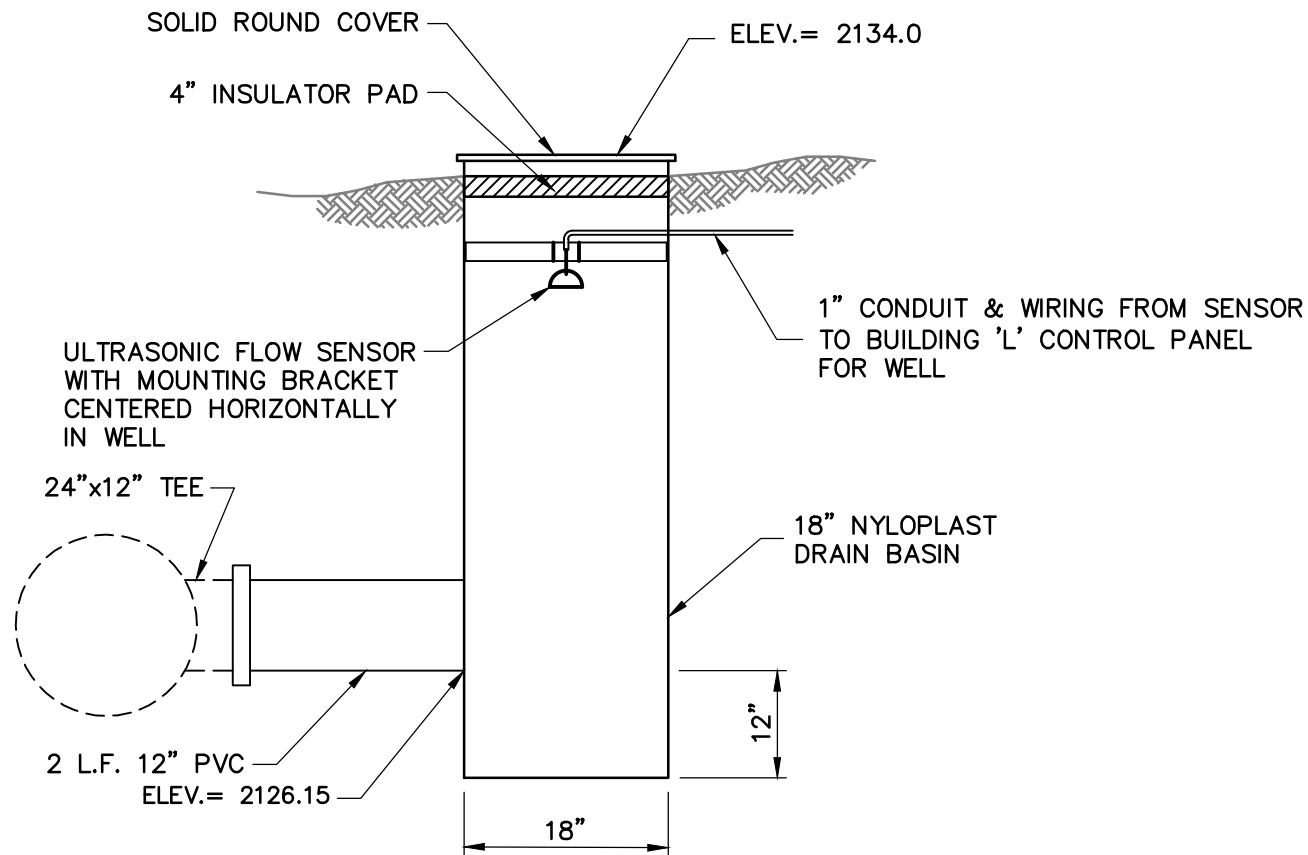
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Sheet Ref: C3.18

Sketch Date: 12-8-15

Sketch Number:

**SKC3**



3  
C4.07

## POND WATER LEVEL SENSOR STRUCTURE

NO SCALE

### NOTES:

1. BASIN, COVER, INSULATOR PAD, AND PIPING BY POND OUTLET PIPE INSTALLER.
2. ULTRASONIC LEVEL INDICATOR, MOUNTING BRACKET, CONTROLS, PANELS, CONDUIT, AND WIRING BY WELL/PUMP INSTALLER.
3. PROVIDE CONTROL PANEL IN BUILDING 'L' (REFER TO DETAIL 3 SHEET E2.K.01 FOR PANEL LOCATION IN BUILDING) WITH HAND-OFF-AUTO SELECTOR SWITCH AND PLC CONTROLLER TO ACCEPT ULTRASONIC CONTROL INDICATOR AND ALLOW USER SET POINTS FOR ALL OPERATIONS.

Central Nebraska Veterans Home

Kearney, Nebraska

Project Number: FAI-31-015

Addendum No. 3

Irrigation Meter and Wet Well Details

Sheet Ref: C4.07

Sketch Date: 12-8-15

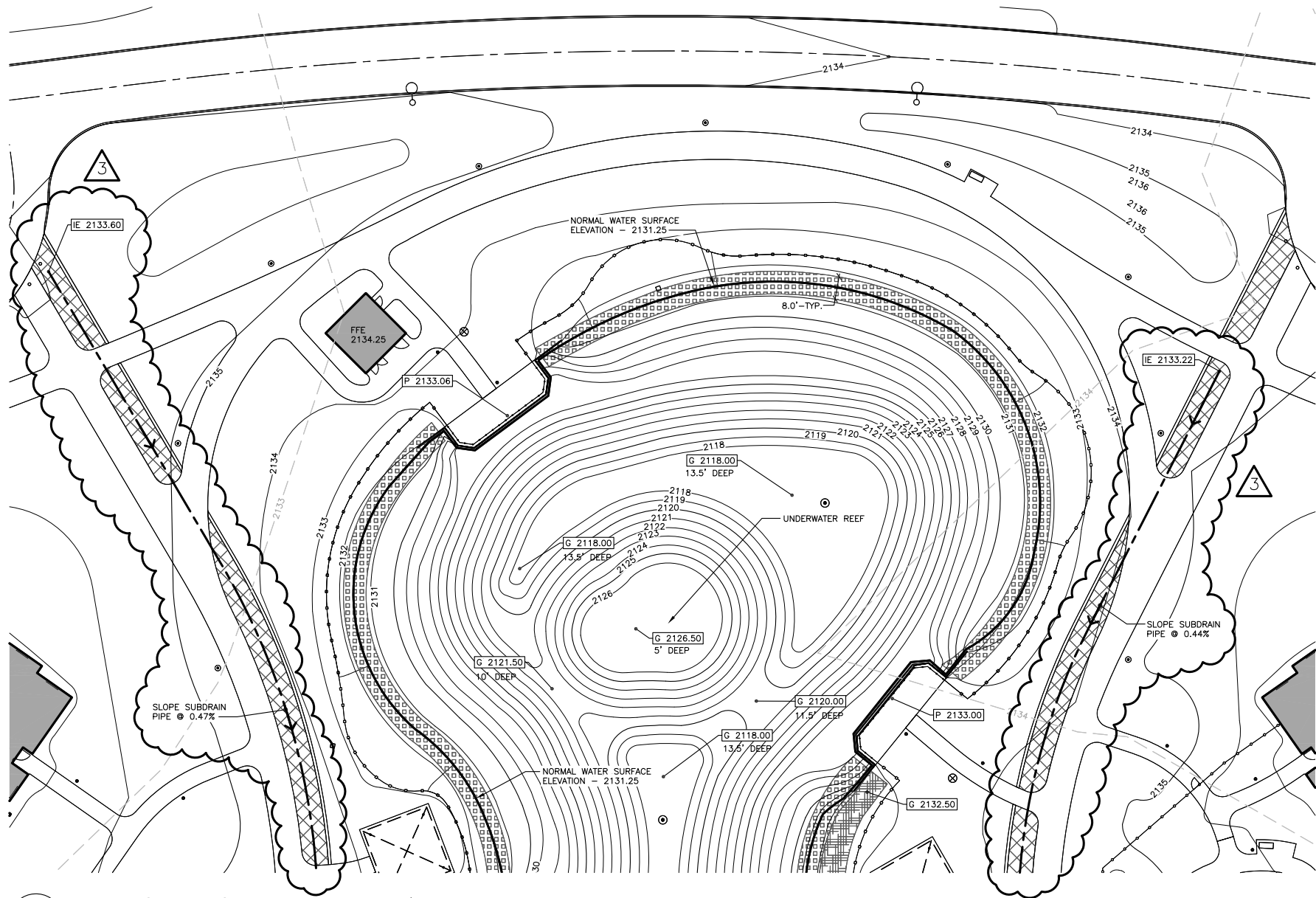
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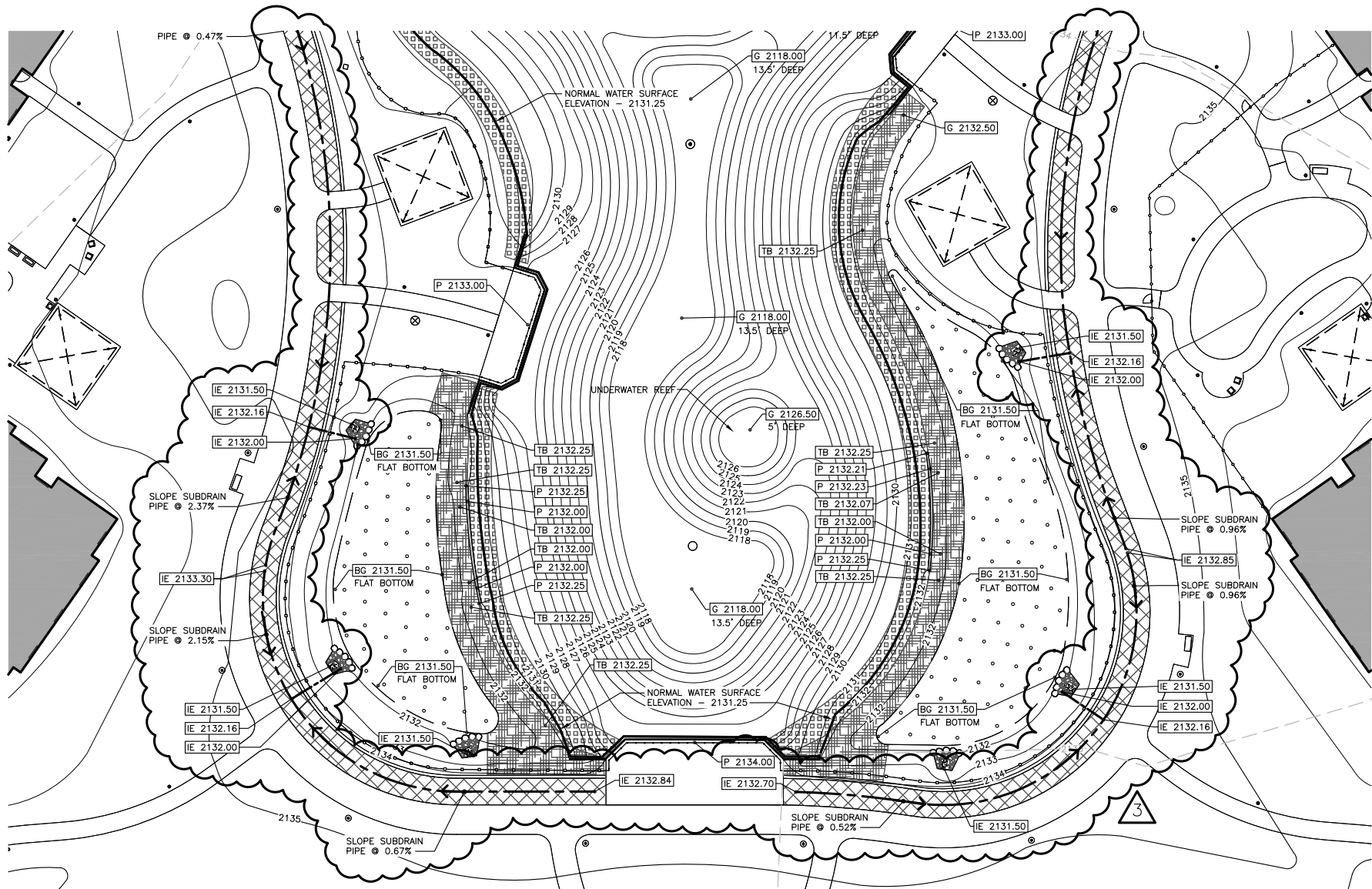


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1 POND GRADING PLAN - NORTH  
L4.02 SCALE: 1" = 50'



1 POND GRADING PLAN - SOUTH  
L4.02 SCALE: 1" = 50'

FLEXIBLE POROUS PLASTIC  
PAVERS W/ TOPSOIL INFILL

LEVELING LAYER W/  
50% SAND & 50% TOPSOIL

FERTILE INTERMEDIATE LAYER  
W/ 65% 1/4" CLEAR CRUSHED  
STONE & 35% TOPSOIL

7" CONC. WALK W/  
THICKENED EDGE

CUT PAVERS AS NECESSARY  
TO FIT WITHIN 1" OF  
CONCRETE CURB AND WALK

TURFGRASS SEED

CONCRETE CURB  
EDGE RESTRAINT

1/2" CHAMFER  
BOTH SIDES-TYP.

6" DIA. PERFORATED HDPE DRAIN PIPE

NOTE: INVERT ELEVATION OF PIPE  
VARIES - SLOPE PIPE TO DRAIN AS  
INDICATED. EXTEND FABRIC BELOW  
PIPE AS NECESSARY AND PROVIDE  
ADDITIONAL CRUSHED STONE TO  
FOLLOW SLOPE OF PIPE.

4" MIN. - TYP. WHEN  
PIPE IS LOCATED  
WITHIN PIPE TRENCH

DRAINAGE LAYER - 1/4"  
CLEAR CRUSHED STONE

NONWOVEN GEOTEXTILE FABRIC

COMPACT SUBGRADE TO MIN.  
98% STANDARD PROCTOR  
DENSITY PER ASTM D698

# 1 FIRE ACCESS LANE

## L5.01

SCALE: 3/4" = 1'-0"



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Kearney, Nebraska

Project Number: **FAI-31-015**

Addendum No. 3

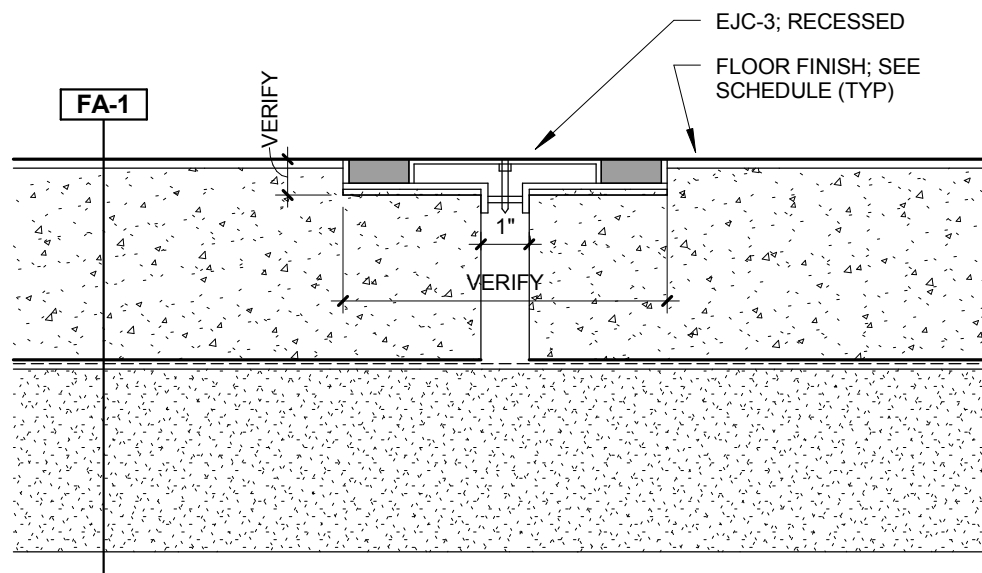
Typical Site & Landscape Details

Sheet Ref: 1/L5.01

Sketch Date: **12-8-2015**

Sketch Number:

**SKL3**



1  
SKA3

**TYP. FLOOR EJ DETAIL AT EJC-3**

SCALE: 3" = 1'-0"



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Central Nebraska Veterans Home

Kearney, Nebraska

Project Number: **FAI-31-015**

Addendum No. 3

Floor Plans - Building G - Hub & Walkways

Sheet Ref: 7/A1.G.01

Sketch Date: **12-8-2015**

Sketch Number:

**SKA3**



Room Finish Schedule - D HOME 2												
Number	Name	Floor Finish	Wall Base	Countertop	Casework Base	Casework Upper	Trim	Wall Finish N Lower/Upper	Wall Finish E Lower/Upper	Wall Finish S Lower/Upper	Wall Finish W Lower/Upper	Comments
D201	BARIATRIC ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D201B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D201C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D202	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D202B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D202C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D203	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D203B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D203C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D204	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D204B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D204C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D205	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D205B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D205C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D206	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D206B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D206C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D207	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D207B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D207C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D208	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D208B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D208C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D209	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D209B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D209C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D210	MEMBER ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D210B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D210C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D211	COUPLES ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D211B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D211C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D212	COUPLES ROOM	SV1	MVB1	SS1	TF3	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03
D212B	BATH	PT1/PT3B	PT2, PT4	SS1	-	TF3	-	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	PT3, PT3B, PT5/P21	NOTE 2.06
D212C	CLOSET	SV1	MVB1	-	TF3	TF3	-	P14	P14	P14	P14	-
D216	STOR.	SC	MVB1	-	-	-	-	FRP1	FRP1	FRP1	FRP1	-
D217	WKST. 1	C11B	MVB1	PL6	-	TF3	-	STP3	STP3	STP3	STP3	-
D218	MEMBER DINING	LVP1	MVB1, PT26	-	-	-	ST2 (PR, CROWN)	P14/P16	P14/P16	P14/P16	P14/P16	NOTES 2.03, 2.11, 2.12
D219	KITCHEN	PT14	PT15, PT16	QZ4	TF3, PL12	TF3	-	WP6/P14	WP6/P14	WP6/P14	WP6/P14	NOTES 2.07, 2.10
D220	SITTING	C11B	MVB1	QZ4	TF3, PL12	-	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTE 2.03, 2.11
D222	CORR.	C11B	MVB1	-	-	-	ST2 (PR)	STP3/P16	STP3/P16	STP3/P16	STP3/P16	NOTES 2.03, 2.04
D223	ACT. STOR.	C11B	MVB1	-	-	-	-	P14	P14	P14	P14	-
D224	DEN	C11B	MVB1	PL6	TF3	-	-	P15	P15	P15	P15	-
D225	PRIVATE DINING	LVP1	MVB1	PL6	TF3	TF3/ST1	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTES 2.03, 2.12
D226	CORR.	C11B	MVB1	-	-	-	ST2 (PR)	STP3/P16	STP3/P16	STP3/P16	STP3/P16	NOTES 2.03, 2.04
D227	LIVING ROOM	C11B	MVB1	-	TF3	TF3	-	P2	P2	P2	P2	NOTE 2.05
D228	CORR.	C11B	MVB1	-	-	TF3	ST2 (PR)	STP3/P16	STP3/P16	STP3/P16	STP3/P16	NOTES 2.01, 2.03, 2.04
D229	MEDS	LVT3	MVB1	PL11	PL5	PL5	-	P31	P31	P31	P31	-
D230	SOILED UTILITY	LVT3	MVB1, PT15, PT16	PL11	PL5	PL5	-	P31	P31	P31	P31	NOTE 2.14
D231	LIFT	C11B	MVB1	-	-	-	-	WP2/P14	WP2/P14	WP2/P14	WP2/P14	NOTE 2.08
D232	EQUIP. STOR.	SC	MVB1	PL11	-	-	-	P31	P31	P31	P31	-
D233	CLEAN LINEN	LVT3	MVB1	-	-	PL5	-	P31	P31	P31	P31	-
D236	ELEC.	SC	MVB1	-	-	-	-	P31	P31	P31	P31	-
D237	ELEC.	LVT3	MVB1	-	-	-	-	P31	P31	P31	P31	NOTE 2.02
D238	MECH.	LVT3	MVB1	-	-	-	-	P31	P31	P31	P31	-
D239	PERSONAL LAUNDRY	LVP1	MVB1	PL6	TF3	TF3	-	P14	P14	P14	P14	-
D240	HSPK.	LVT3, PT14	MVB1	-	-	-	-	P31	P31	P31	P31	-
D241	BATHING	PT6/PT3B	PT7, PT9	SS1	TF3	-	-	PT8, PT3B, PT10/P20	PT8, PT3B, PT10/P20	PT8, PT3B, PT10/P20	PT8, PT3B, PT10/P20	NOTES 2.09, 2.10
D242	CORR.	C11B	MVB1	-	-	-	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTES 2.03, 2.04
D243	CORR.	C11B	MVB1	-	-	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTES 2.01, 2.03, 2.04
D244	CORR.	C11B	MVB1	-	-	TF3	ST2 (PR)	P14/P16	P14/P16	P14/P16	P14/P16	NOTES 2.01, 2.03, 2.04



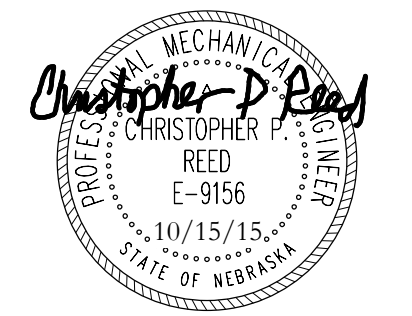
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Central Nebraska Veterans Home  
Kearney, Nebraska

Revision/Issue	Date
ADDENDUM NO. 3	12/08/15

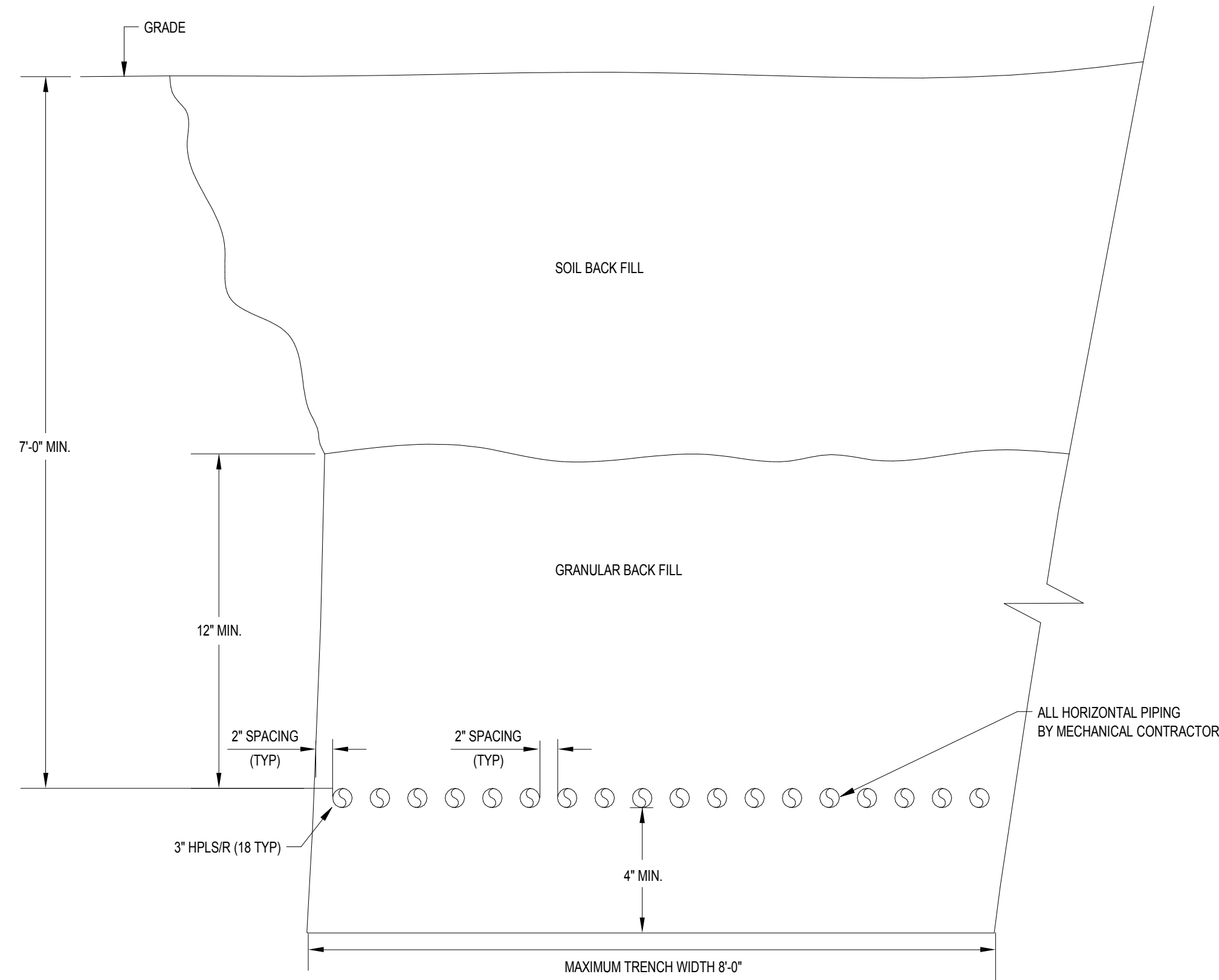
MECHANICAL DETAILS

FAI Number: FAI-31-015  
Date: October 15, 2015

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Sheet Number:

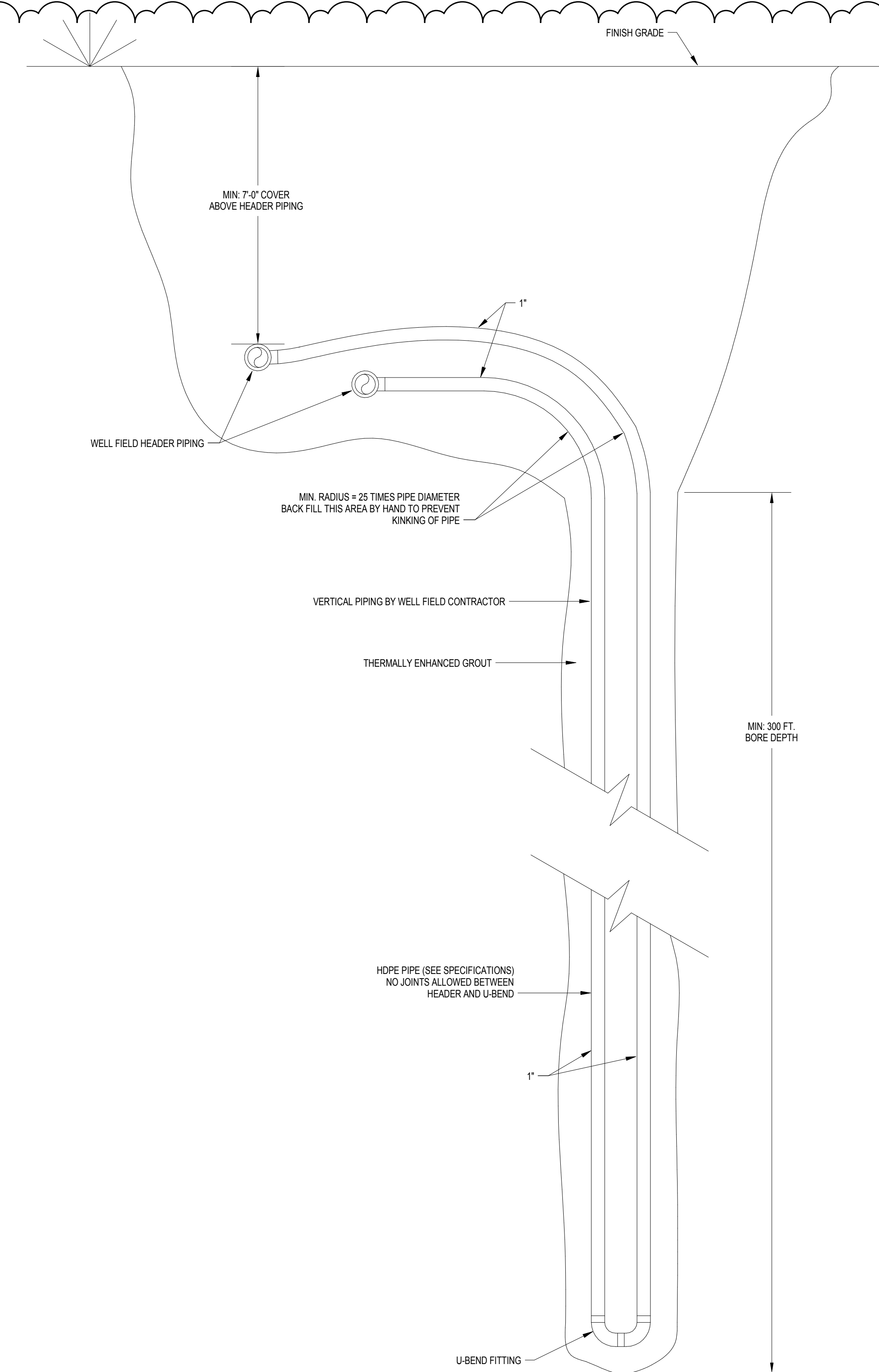
M6.03



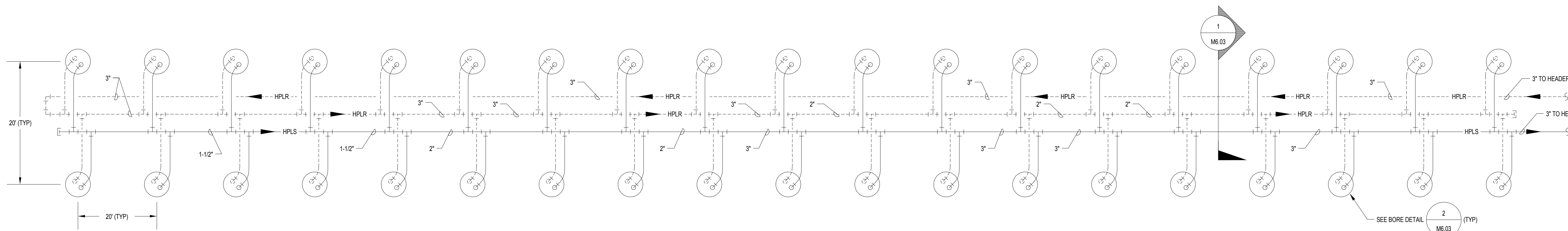
4 GEOTHERMAL HEAT PUMP LOOP TRENCH SPACING BELOW BUILDING DETAIL  
SCALE: NONE



1 GEOTHERMAL HEAT PUMP LOOP TRENCH SPACING DETAIL  
SCALE: NONE



2 HEAT PUMP LOOP BORE DETAIL  
SCALE: NONE



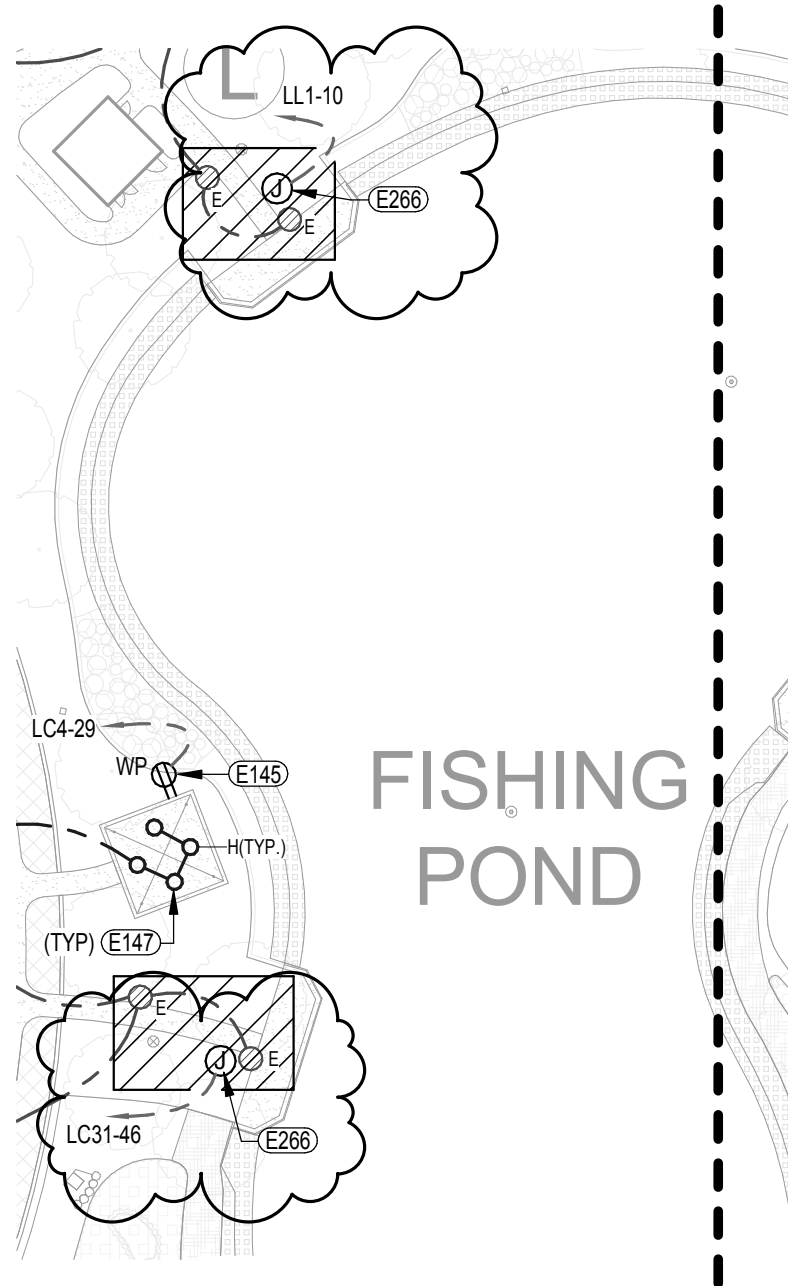
3 GEOTHERMAL HOLE BORE PIPING DETAIL  
SCALE: NONE

PIPING SIZE FOR NUMBER OF BOREHOLES

NUMBER OF BORES	PIPE SIZE
(5)	- 1-1/2"
(9)	- 2"
(12)	- 2"
(18)	- 3"
(20)	- 3"
(26)	- 3"
(28)	- 3"
(38)	- 3"

### KEYNOTES

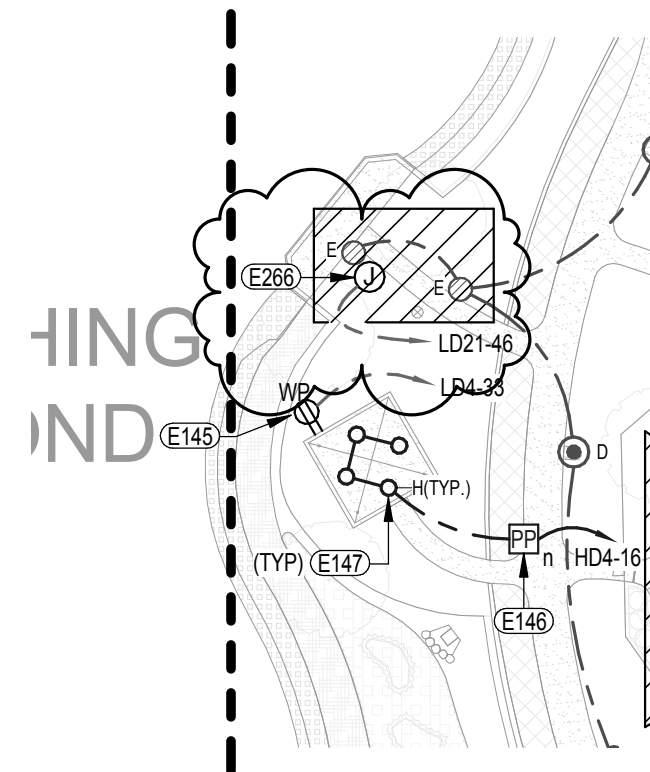
E266 FOR EMERGENCY BLUE PHONE STATION, PROVIDE 2-#10, #10G IN 3/4" CONDUIT FOR CIRCUIT INDICATED. COORDINATE ADDITIONAL REQUIREMENTS WITH EQUIPMENT SUPPLIER.



2  
SKE6

### PARTIAL SITE PLAN - WEST

SCALE: 1" = 50'-0"



1  
SKE6

### PARTIAL SITE PLAN - EAST

SCALE: 1" = 50'-0"



Central Nebraska Veterans Home

Kearney, Nebraska

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Addendum No. 3

PARTIAL SITE POWER PLAN - BLUE PHONE STATIONS

Sheet Ref: E.01 & E.02

Project Number: **FAI-31-015**

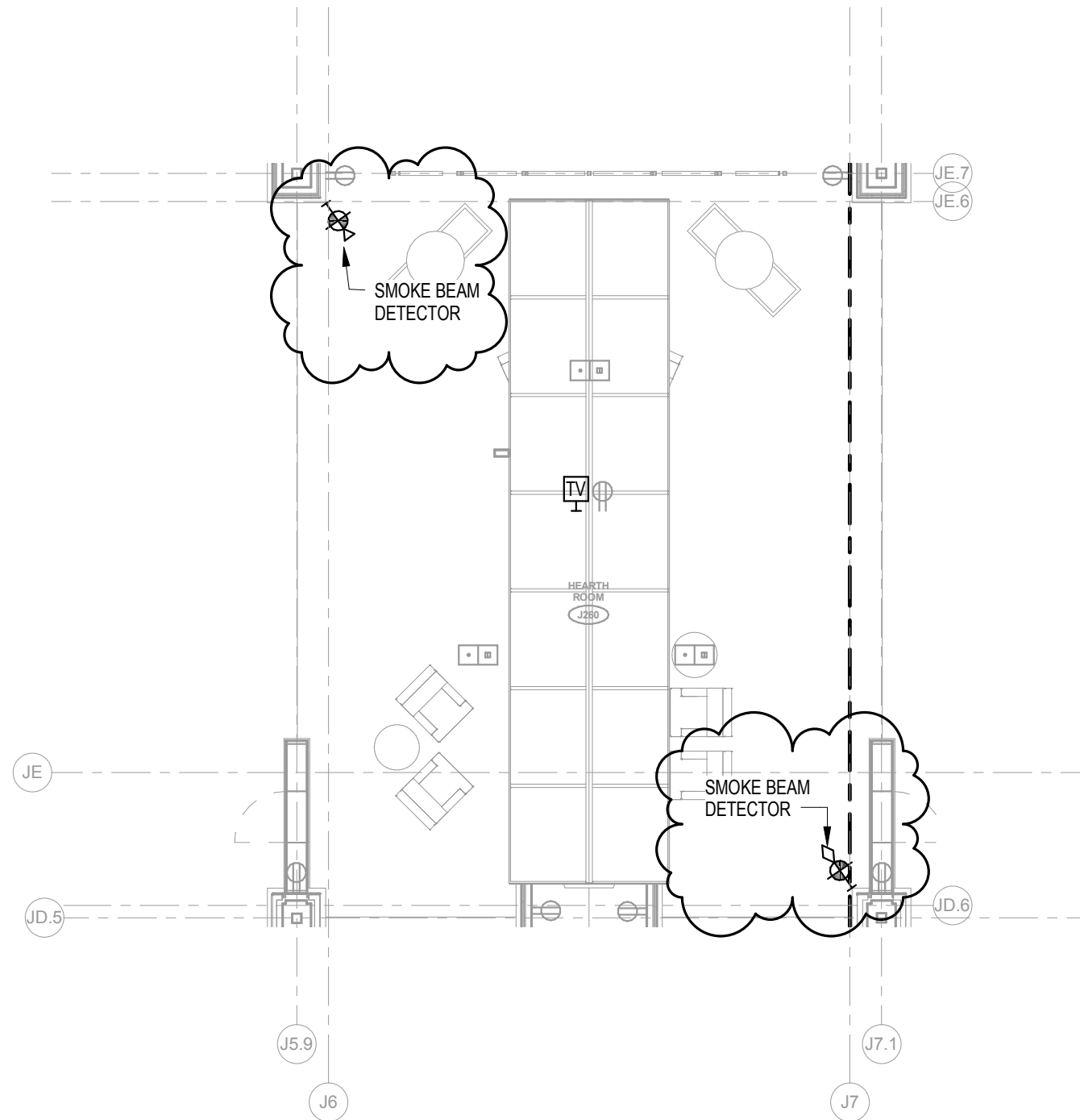
Sketch Date: **12/08/15**

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Sketch Number:

**SKE6**



1  
SKE7

## PARTIAL BLDG J - AREA 2 - SPECIAL SYSTEMS

SCALE: 1/8" = 1'-0"



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Addendum No. 3

BUILDING J- SPECIAL SYSTEMS - HEARTH ROOM

Sheet Ref: E3.J.02

Project Number: **FAI-31-015**

Sketch Date: **12/08/15**

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Sketch Number:

**SKE7**

# Lighting Panel: LL1

**Rating:** 150 A  
**Mounting:** Surface  
**Type:** MCB W/GND BAR

**Voltage:** 120/208 Wye  
**Phase:** 3  
**Wire:** 4  
**A.I.C. Rating:** SERIES

Circuit Description	O/C	CKT			CKT	O/C	Circuit Description
POND AIR COMPRESSOR	20	2	1		2	1	20 RECEPTACLES
--	--	--	3		4	2	30 IWH-1
POND CONTROL CENTER	50	2	5		6	--	--
--	--	--	7		8	1	20 IRR. PUMP CNTL. PANEL
SPACE	--	--	9		10	1	20 EMERG. BLUE PHONE -POND
SPACE	--	--	11		12	1	20 SPARE
SPACE	--	--	13		14	1	20 SPARE
SPACE	--	--	15		16	1	20 SPARE
SPACE	--	--	17		18	--	-- SPACE
SPACE	--	--	19		20	--	-- SPACE
SPACE	--	--	21		22	--	-- SPACE
SPACE	--	--	23		24	--	-- SPACE
SPACE	--	--	25		26	--	-- SPACE
SPACE	--	--	27		28	--	-- SPACE
SPACE	--	--	29		30	--	-- SPACE
SPACE	--	--	31		32	--	-- SPACE
SPACE	--	--	33		34	--	-- SPACE
SPACE	--	--	35		36	--	-- SPACE
SPACE	--	--	37		38	--	-- SPACE
SPACE	--	--	39		40	--	-- SPACE
SPACE	--	--	41		42	--	-- SPACE

**Notes:**

